

Title (en)
Hydroentangled fluoropolymer fiber bed for a mist eliminator

Title (de)
Hydroverfetztes Fluoropolymer-Faserbed für Nebelentferner

Title (fr)
Lit à fibres fluoropolymères hydroemmêlées pour séparateur de buée

Publication
EP 0922477 A1 19990616 (EN)

Application
EP 98309377 A 19981116

Priority
US 98706497 A 19971208

Abstract (en)
A fiber bed (42) for a fiber bed mist eliminator (40) for removing aerosols and colloidal solids from a gaseous stream is provided having at least one non-woven sheet (48) of hydroentangled ethylene/chlorotrifluoroethylene copolymer fibers. <IMAGE>

IPC 1-7
B01D 39/16; **D04H 1/46**

IPC 8 full level
B01D 39/16 (2006.01); **D04H 1/46** (2012.01)

CPC (source: EP US)
B01D 39/163 (2013.01 - EP US); **D04H 1/4318** (2013.01 - EP US); **D04H 1/492** (2013.01 - EP US)

Citation (search report)

- [X] US 5422159 A 19950606 - FAGAN JOSEPH P [US]
- [A] WO 9309862 A1 19930527 - MEMTEC AMERICA CORP [US]
- [A] US 4539113 A 19850903 - TOMITA KAZUICHI [JP], et al

Citation (examination)
GB 2301784 A 19961218 - CECO FILTERS INC [US]

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WO2004110592A1; JP2006527072A; JP4795232B2

Designated contracting state (EPC)
BE DE FR GB

DOCDB simple family (publication)
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EP 98309377 A 19981116; CA 2251151 A 19981112; US 98706497 A 19971208